

# **NAD** SERVICE MANUAL

**MONITOR SERIES**

# **1300**

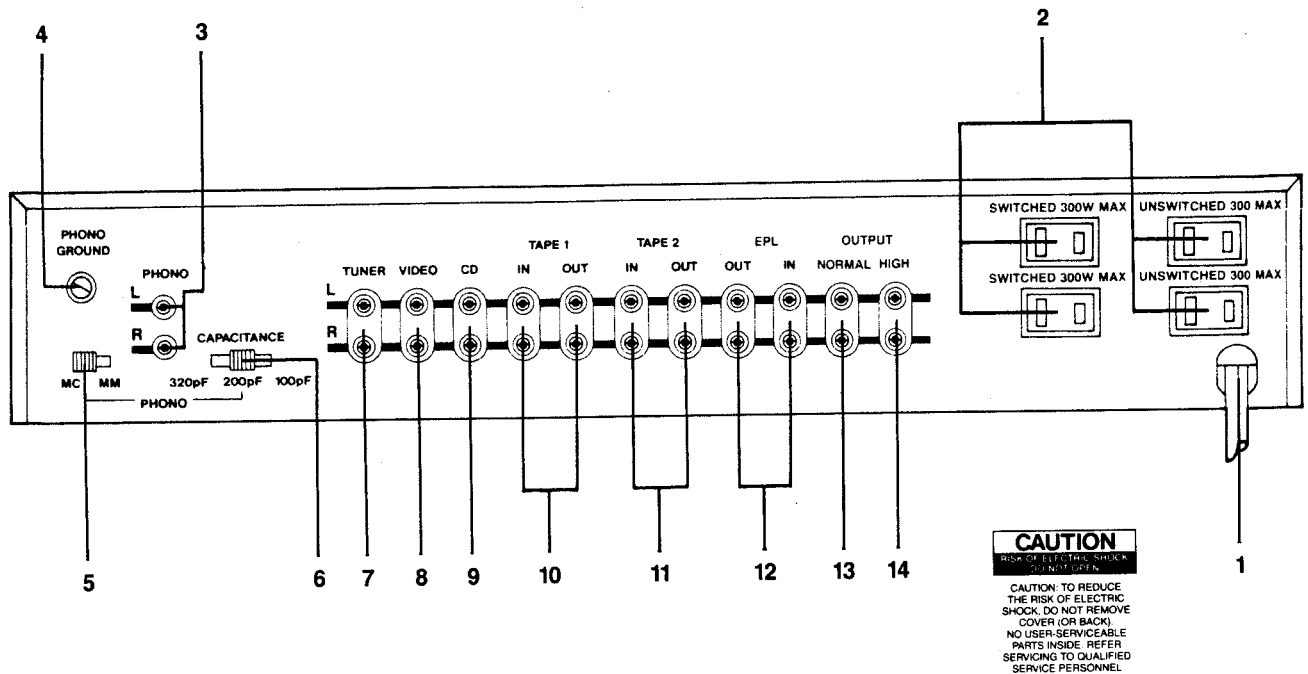
**STEREO PREAMPLIFIER**

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-1300-

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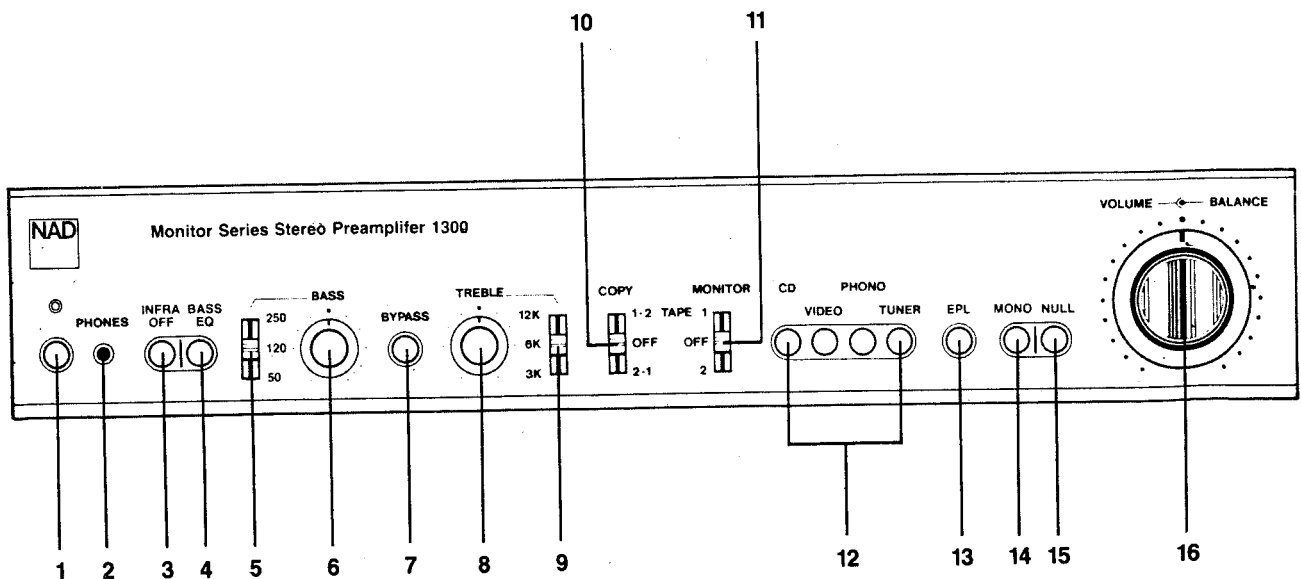
## REAR PANEL

- |                                    |                                 |                                      |
|------------------------------------|---------------------------------|--------------------------------------|
| 1. AC Line Cord.                   | 6. Phono Capacitance (MM only). | 11. Tape 2 Input/Output.             |
| 2. AC Outlets (not in U.K. model). | 7. Tuner Input.                 | 12. External Processor Input/Output. |
| 3. Phono Input.                    | 8. Video Sound Input.           | 13. Output (Normal).                 |
| 4. Phono Ground.                   | 9. CD Input.                    | 14. Output (High).                   |
| 5. MM/MC Selector.                 | 10. Tape 1 Input/Output.        |                                      |



## FRONT PANEL

- |                           |                         |                         |
|---------------------------|-------------------------|-------------------------|
| 1. Power.                 | 7. Tone Control Bypass. | 13. External Processor. |
| 2. Phones.                | 8. Treble.              | 14. Mono.               |
| 3. Infrasonic Filter Off. | 9. Treble Range.        | 15. Null.               |
| 4. Bass EQ.               | 10. Tape Copy.          | 16. Volume/Balance.     |
| 5. Bass Range.            | 11. Tape Monitor.       |                         |
| 6. Bass.                  | 12. Input Selector.     |                         |



## Specifications

### NAD 1300 Stereo PreAmplifier

Specifications are measured in accordance with EIA Standard RS-490 (IHF A-202). Measurements referred to the Normal output. Output level are 14 dB higher at the High output; for this output, divide the normal input sensitivity values by 4.5.

#### Phono Input

|                        |    |                            |
|------------------------|----|----------------------------|
| Input Impedance        | MM | R=47Kohm, C=100/200/320 pF |
|                        | MC | R=100 ohm, C=1000 pF       |
| Input Sensitivity      | MM | 1.3 mV                     |
| (1 KHz, 0.5V out)      | MC | 60uV                       |
| Input Overload at      | MM | 20/200/2000 mV             |
| 20Hz/1KHz/20KHz        | MC | 1.0/10/100 mV              |
| Signal/Noise ratio,    |    |                            |
| IHF A-weighted, with   | MM | 80 dB re 5 mV              |
| cartridge connected    | MC | 78 dB re 0.5 mV            |
| THD (20Hz-20KHz) and   | MM | <0.02 % at +30 dB level    |
| IM Distortion          | MC | <0.02 % at +26 dB level    |
| RIAA response accuracy |    | ±0.3 dB                    |

#### Line Level Inputs (Tuner, Type, CD, Video)

|                                |                      |
|--------------------------------|----------------------|
| Input Impedance                | R=100 Kohm, C=220 pF |
| Input Sensitivity(0.5V out)    | 80 mV                |
| Maximum Input Signal           | 12 V                 |
| THD                            | 0.01 %               |
| Signal/Noise ratio, A-weighted | >100 dB re 0.5V out  |
|                                | >110 dB re 2V        |
| Frequency Response             | 20Hz-20KHz ±0.3 dB   |

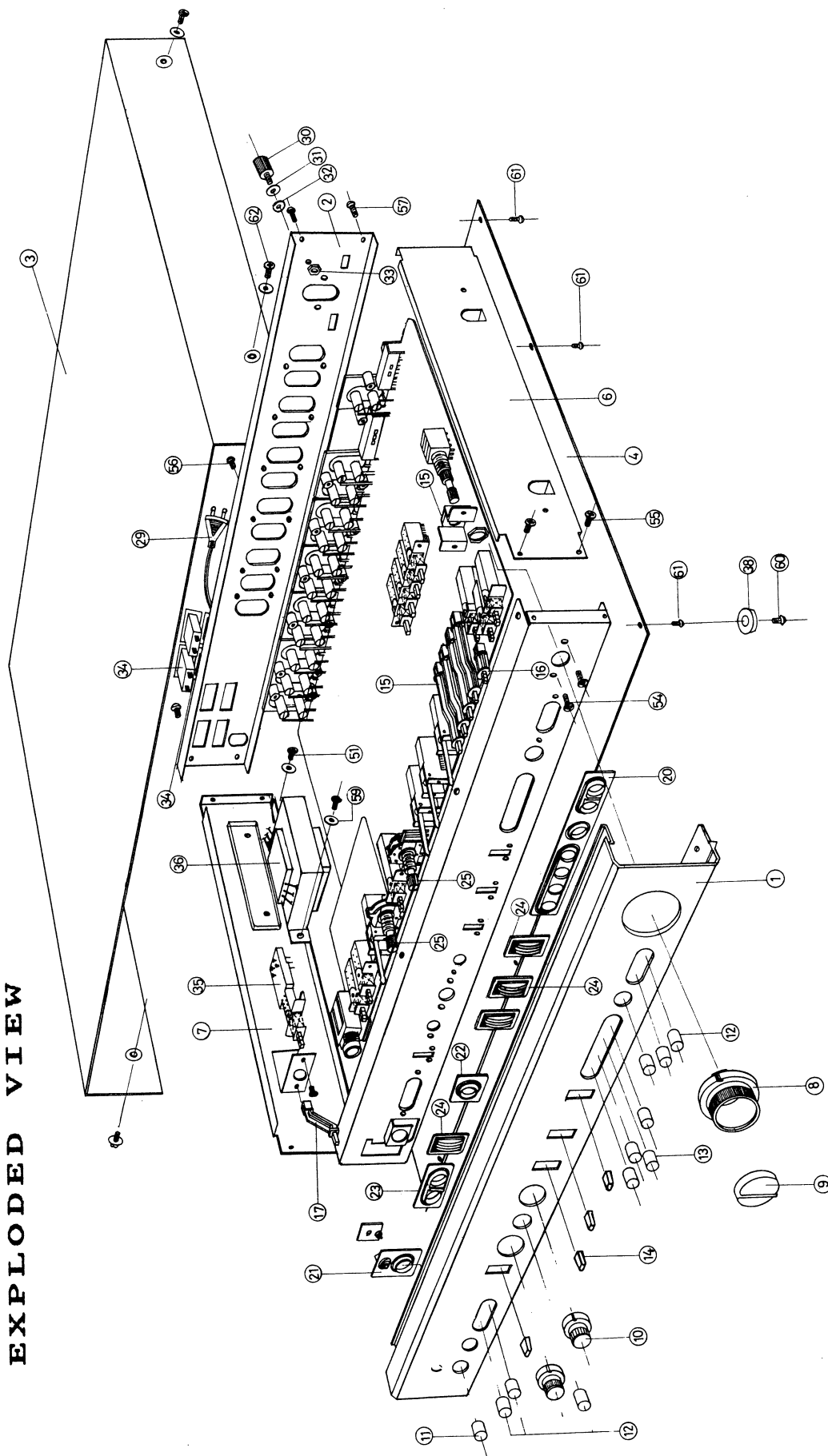
#### Outputs

|                                |             |   |
|--------------------------------|-------------|---|
| Output Impedance               | Tape or EPL | 1000 ohms                                       |
|                                | Normal      | 150 ohm   |
|                                | High        | 150 ohm   |
|                                | Phones      | 68 ohm (will drive all<br>headphone impedances) |
| Maximum Output Level           | Tape or EPL | 12V   |
|                                | Normal      | 12V   |
|                                | High        | 12V into 600 ohm load                           |
|                                | Phones      | 12V into 600 ohm                                |
|                                |             | 1V into 8 ohm                                   |
| Tape Output Infrasonic Filter  |             | -3 dB at 14Hz, 18 dB/octave                     |
| Controls                       |             |   |
| Treble                         |             | ±12 dB at 3, 6, or 12 kHz                       |
| Bass                           |             | ±12 dB at 50, 120, or 250 Hz                    |
| Bass Equalization              |             | +3 dB at 55 Hz                                  |
|                                |             | +6 dB at 36 Hz                                  |
| Infrasonic Filter (switchable) |             | -3 dB at 14 Hz                                  |
|                                |             | 18 dB/octave                                    |

#### Physical Specifications

|                        |  |
|------------------------|--|
| Width x Height x Depth | 43.5cm.x 7.5cm.x 25cm.                   |
|                        | 17in.x 3in.x 10in.                       |
| Net Weight             | 4.3 kg (9lb. 8oz.)                       |
| Shipping Weight        | 5 kg (11 lb.)                            |
| Power Consumption      | 50/60 Hz at 110, 120,<br>220, or 240 VAC |
|                        | 20W                                      |

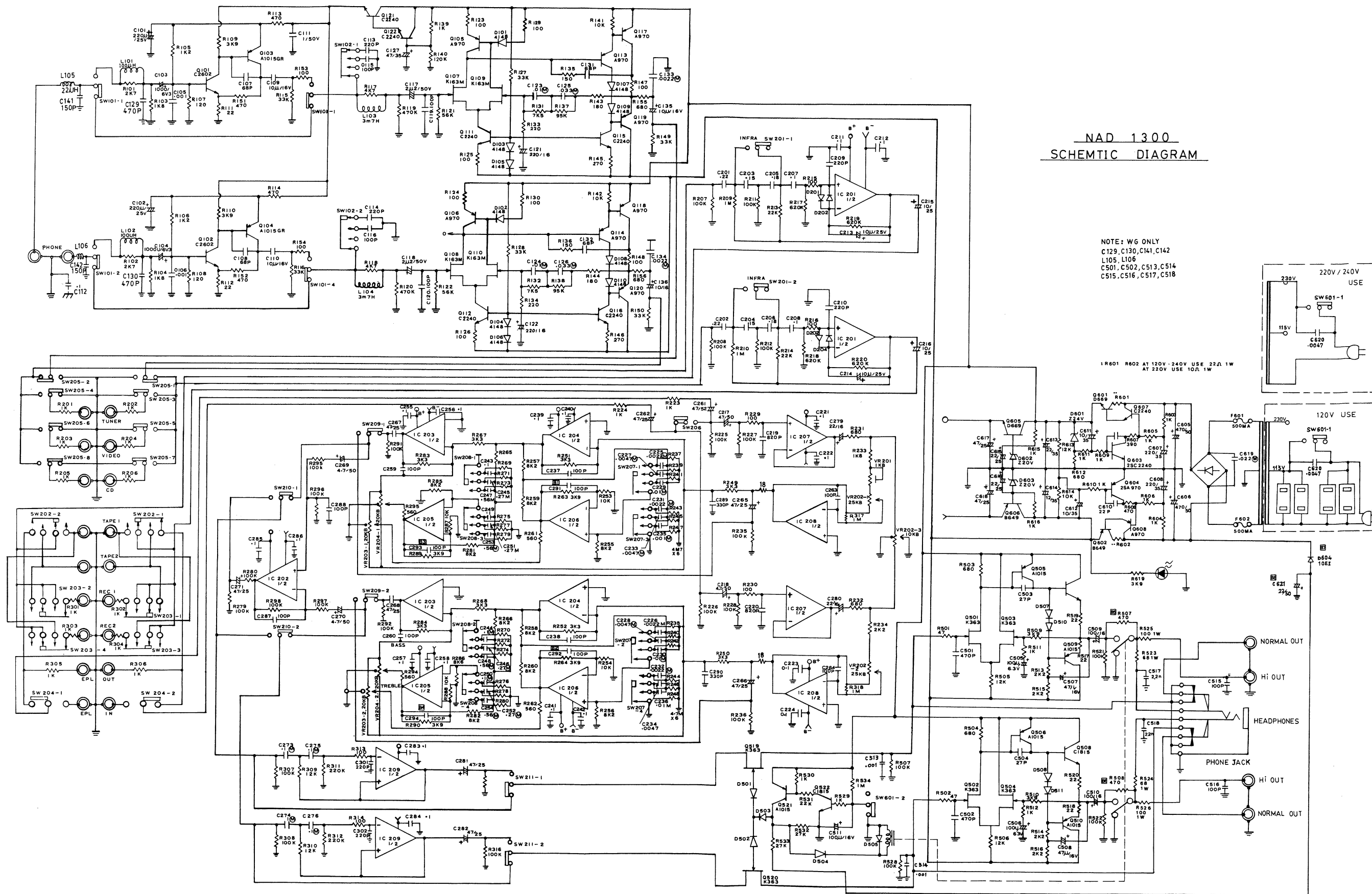
EXPLODED VIEW



EXPLODED LIST

| ITEM | PARTS NUMBER | DESCRIPTION                      | Q'TY |
|------|--------------|----------------------------------|------|
| 1    | L702A038H01  | PANEL-FRONT                      | 1    |
| 2    | L703B039H01  | COVER-BACK                       | 1    |
| 3    | L703A004H01  | COVER-TOP                        | 1    |
| 4    | L580B007H01  | COVER-BOTTOM                     | 1    |
| 5    | L560B012H01  | CHASSIS-MAIN                     | 1    |
| 6    | L547B031H01  | FRAME-R                          | 1    |
| 7    | L547B030H01  | FRAME-L                          | 1    |
| 8    | L704C030H01  | KNOB-VOLUME                      | 1    |
| 9    | L704D108H01  | KNOB-BALANCE                     | 1    |
| 10   | L704C031H11  | KNOB-VR                          | 2    |
| 11   | L704D105H01  | KNOB-POWER                       | 1    |
| 12   | L704D106H01  | KNOB-PUSH                        | 6    |
| 13   | L704D106H11  | KNOB-PUSH                        | 4    |
| 14   | L704D107H01  | KNOB-LEVER                       | 4    |
| 15   | L547D043H01  | HOLDER                           | 1    |
| 16   | L526D503H02  | LINK-PUSH                        | 1    |
| 17   | L526D503H12  | LINK-PUSH                        | 1    |
| 18   | L526D504H01  | LINK                             | 4    |
| 19   | L576D014H01  | SUPPORT-KNOB                     | 1    |
| 20   | L704C033H01  | GUIDE-KNOB                       | 1    |
| 21   | L704C032H01  | GUIDE-POWER, KNOB                | 1    |
| 22   | L704C032H11  | GUIDE-BY PASS, KNOB              | 1    |
| 23   | L704C032H21  | GUIDE-INFRA, KNOB                | 1    |
| 24   | L704D109H01  | GUIDE-KNOB                       | 4    |
| 25   | L550D037H01  | FELT RING                        | 2    |
| 26   | L550D051H01  | FELT RING                        | 1    |
| 27   | L449Y002H01  | AC SOCKET                        | 4    |
| 28   | L540D501H01  | CLAMPER                          | 1    |
| 29   | L242Y501H01  | POWER-CORD                       | 1    |
| 30   | L531D018H01  | SHAFT-GND                        | 1    |
| 31   | L683D011H01  | WASHER-PLANE                     | 1    |
| 32   | U680S322H04  | WASHER-TOOTHED, 4                | 1    |
| 33   | L670D004H01  | NUT, M3.5                        | 1    |
| 34   | L840D009H01  | COVER-AC SOCKET                  | 1    |
| 35   | L432Y035H01  | SW-POWER                         | 1    |
| 36   | L250Y163H01  | TRANS-POWER                      | 1    |
| 38   | L771D011H01  | RUBBER-FOOT                      | 4    |
| 51   | U680S322H03  | WASHER-TOOTHED, TRANS FIX USE 3  | 2    |
| 52   | U650S063H19  | SCREW-B, SW FIX, M3*6            | 2    |
| 53   | U656S263H23  | FRONT PANEL FIX, T-SCREW, 2-3*6  | 8    |
| 54   | U650S063H20  | HOLDER FIX, SCREW, 3*8           | 2    |
| 55   | U656S263H23  | FRAME & CHASSIS FIX, 2-3*6       | 4    |
| 56   | U656S164H24  | RCA JACK FIX, 1-3*8              | 14   |
| 57   | U650S063H19  | PUSH SW FIX, SCREW-B, M3*6       | 14   |
| 58   | L851D071H01  | LABEL-WARNING                    | 1    |
| 60   | U650S025H31  | RUBBER-FOOT FIX, SCREW, M4*10    | 4    |
| 61   | U656S263H23  | COVER BOTTOM FIX, T-SCREW, 2-3*6 | 8    |
| 62   | L650D005H01  | COVER-TOP FIX, SCREW-B, M4*6     | 4    |

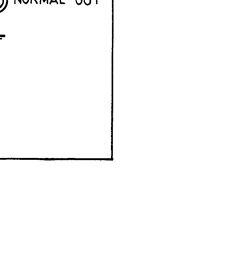
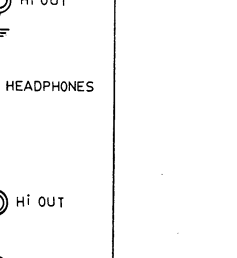
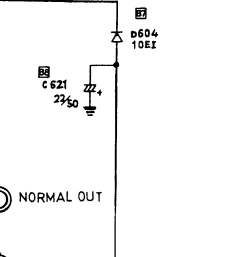
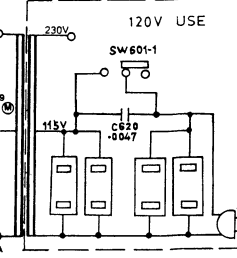
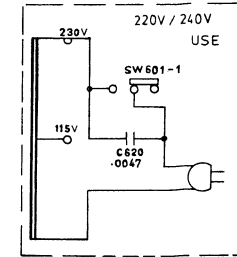
# SCHEMATIC DIAGRAM



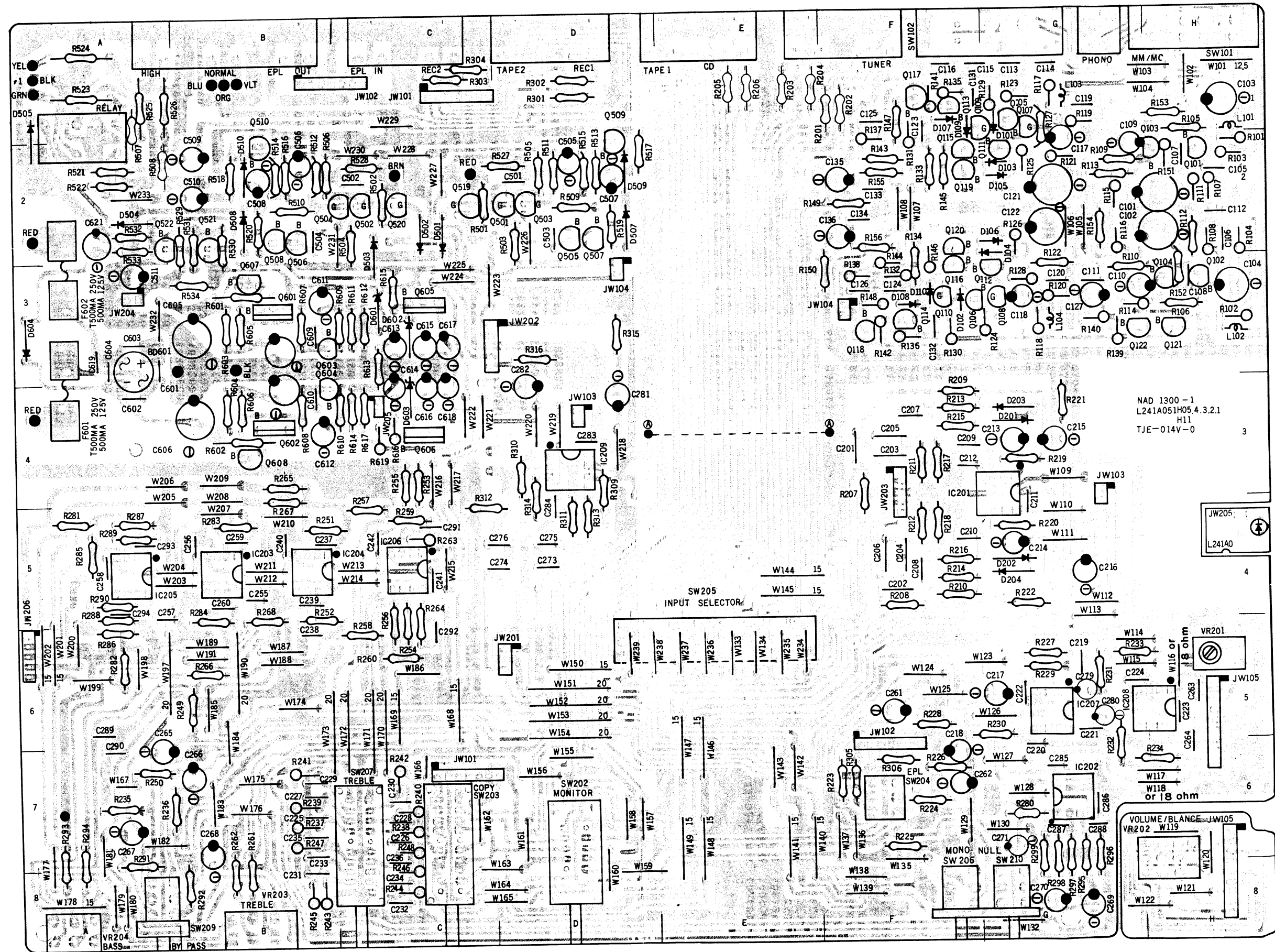
NAD 1300  
SCHEMATIC DIAGRAM

NOTE: W6 ONLY  
C129, C130, C141, C142  
L105, L106  
C501, C502, C513, C514  
C515, C516, C517, C518

1 R601 R602 AT 120V - 240V USE 22Ω 1W  
AT 220V USE 10Ω 1W



# PCB LAYOUT AND COMPONENT LOCATION



NAD 1300 PARTS LIST

| PARTS NUMBER | DESCRIPTION     | SPECIFICATION      | Q'TY  |
|--------------|-----------------|--------------------|-------|
| L702A038H01  | PANEL-FRONT     |                    | 1     |
| L704C033H01  | GUIDE-KNOB      |                    | 1     |
| L704C032H01  | GUIDE-POWER     | KNOB               | 1     |
| L704C032H11  | GUIDE-BY PASS   | KNOB               | 1     |
| L704C032H21  | GUIDE-INFRA     | KNOB               | 1     |
| L704D109H01  | GUIDE-KNOB      |                    | 4     |
| L241A051H12  | POB-LED         |                    | 1     |
| U656S263H23  | LED PCB FIX     | T-SCREW, 2-3*6     | 1     |
| U085S091H13  | CEMEDINE        | NO.575             | 1G    |
| U656S263H23  | PCB             | T-SCREW, 2-3*6     | 2     |
| L683D011H02  | POWER TRANS     | WASHER, 3.2*10*0.5 | 2     |
| L703B039H01  | COVER-BACK      | US,GP,CN,UT        | 1     |
| L703B039H02  |                 | WG,EU              | 1     |
| L703B039H03  |                 | UK,AS              | 1     |
| L703B039H04  |                 | SA                 | 1     |
| L242Y501H01  | POWER-CORD      | US,GP,CN           | 1     |
| U242C872H06  |                 | UK                 | 1     |
| U242C809H19  |                 | WG,EU,SA           | 1     |
| U242Y013H01  |                 | AS                 | 1     |
| L242C310H01  |                 | UT                 | 1     |
| L449Y002H01  | SOCKET          |                    | 4     |
| L851D069H01  | AC CORD TAG     |                    | 1     |
| L851D070H01  | COLOR CODE TAG  |                    | 1     |
| L540D501H01  | CLAMPER         |                    | 1     |
| L851B004H03  | LABEL-BDP       |                    | 1     |
| L531D018H01  | SHAFT-GND       |                    | 1     |
| L670D004H01  | NUT             | M3.5               | 1     |
| L683D011H01  | WASHER-PLANE    |                    | 1     |
| U680S322H04  | WASHER-TOOTHED  |                    | 1     |
| L840D009H01  | COVER-AC SOCKET | 4                  | 1     |
| L243C421H10  | LEAD            | BRN                | 5     |
| L670D002H01  | NUT-GND         |                    | 1     |
| L547B030H01  | FRAME-L         |                    | 1     |
| L432Y035H01  | SW-POWER        |                    | 1     |
| U656S263H24  | TRANS FIX       |                    | 1     |
| U680S322H03  | TRANS FIX USE   |                    | 2     |
| U650S063H19  | SW FIX          | T-SCREW, 2-3*8     | 2     |
| U140Y007H07  | C620            | WASHER-TOOTHED, 3  | 2     |
| L230Y003H01  | CONNECTOR       | SCREW-B, M3*6      | 2     |
| U073S722H65  | TUBE-VINYL      | CERAMIC 400V 472M  | 1     |
| U838S101H05  | BAND            | 35 DIA BLK         | 0.65M |
| U243C423H24  | POWER SW        |                    | 1     |
| U243C426H26  | POWER SW        | LEAD,ORG           | 1     |
| L243C092H25  |                 | BLU                | 1     |
| U838S101H01  | BAND            | 2P                 | 1     |
| L540Y001H01  | CLAMPER         |                    | 4     |
| L350Y123H01  | TRANS-POWER     |                    | 1     |

| PARTS NUMBER | DESCRIPTION              | SPECIFICATION           | Q'TY  |
|--------------|--------------------------|-------------------------|-------|
| U053S271H05  | SOLDER-RESIN             |                         | 7.2G  |
| U085S901H13  | CEMEDINE                 | NO.575                  | 2G    |
| U085D002H01  | BOND-3M                  |                         | 2G    |
| U085S093H02  | LOCK-TIGHT               |                         | 1G    |
| U656S263H23  | LED PCB FIX              | T-SCREW, 2-3*6          | 2     |
| L073S001H23  | TUBE-UL                  | 18MM*1/PCS, 11 DIA 18MM | 1     |
| L250Y163H01  | TRANS-POWER              | (MAIN)                  | 1     |
| L241A051H01  | PCB-MAIN                 |                         | 1     |
| L121Y024H01  | VR                       |                         | 1     |
| L121Y025H01  |                          |                         | 1     |
| L121Y026H01  |                          |                         | 1     |
| L432Y056H01  | SW-PUSH                  |                         | 1     |
| L432Y064H02  | PUSH-SW                  |                         | 1     |
| L432Y028H01  | SW-PUSH                  |                         | 1     |
| L431Y020H01  | SW-SLIDE                 | MM/MC                   | 1     |
| L431Y035H01  | CAPACITANCE              |                         | 1     |
| L437Y001H01  | SW-LEVER                 |                         | 1     |
| L437Y002H01  |                          |                         | 2     |
| L440Y016H01  | JACK-RCA                 |                         | 1     |
| L440Y017H01  |                          |                         | 4     |
| L440Y018H01  |                          |                         | 1     |
| L432Y030H01  | SW-PUSH                  |                         | 1     |
| U053S271H05  | SOLDER-PESIN             |                         | 10G   |
| U085S094H07  | HOT MELT S-725           |                         | 1G    |
| U085S093H02  | LOCK-TIGHT               |                         | 0.15G |
| U053S271H04  | SOLDER-RESIN             |                         | 22G   |
| L103Y214H03  | R112, 517, 518, 519, 520 | CARBON 1/4W, 22-J       | 5     |
| L103Y214H05  | R501 R502                | 1/4W 47-J               | 2     |
| L103Y214H07  | R147, 215, 216, 229, 230 | 1/4W 100-J              | 5     |
| L103Y214H07  | R313, 314, 153, 154, 280 | 1/4W 100-J              | 5     |
| L103Y214H09  | R133 R134                | 1/4W 150-J              | 2     |
| L103Y214H12  | R145                     | 1/4W 270-J              | 2     |
| L103Y214H14  | R607                     | 1/4W 390-J              | 1     |
| L103Y214H15  | R113, 608, 507, 508, 152 | 1/4W 470-J              | 1     |
| L103Y214H16  | R261 R262 R293 R294      | 1/4W 560-J              | 5     |
| L103Y214H17  | R155, 156, 231, 232, 503 | 1/4W 680-J              | 4     |
|              | R503, 504                |                         | 6     |
| L103Y214H17  | R612                     | 1/4W 680-J              | 1     |
| L103Y214H19  | R201, 202, 203, 204,     | 1/4W 1K-J               | 6     |
|              | R205, 206                |                         |       |
| L103Y214H19  | R301, 302, 305, 306      | 1/4W 1K-J               | 6     |
|              | R223 R224                |                         |       |
| L103Y214H19  | R529, 530, 603, 604      | 1/4W 1K-J               | 6     |
|              | R605 R606                |                         |       |
| L103Y214H19  | R511, 512, 609, 610, 611 | 1/4W 1K-J               | 5     |
| L103Y214H19  | R303 R304 R615           | 1/4W 1K-J               | 3     |
| L103Y214H20  | R105 R106                | 1/4W 1.2K-J             | 2     |
| L103Y214H22  | R233                     | 1/4W 1.8K-J             | 1     |
| L103Y214H23  | R513, 514, 515, 516, 234 | 1/4W 2.2K-J             | 5     |
| L103Y214H25  | R249 R250 R251 R252      | 1/4W 3.3K-J             | 4     |

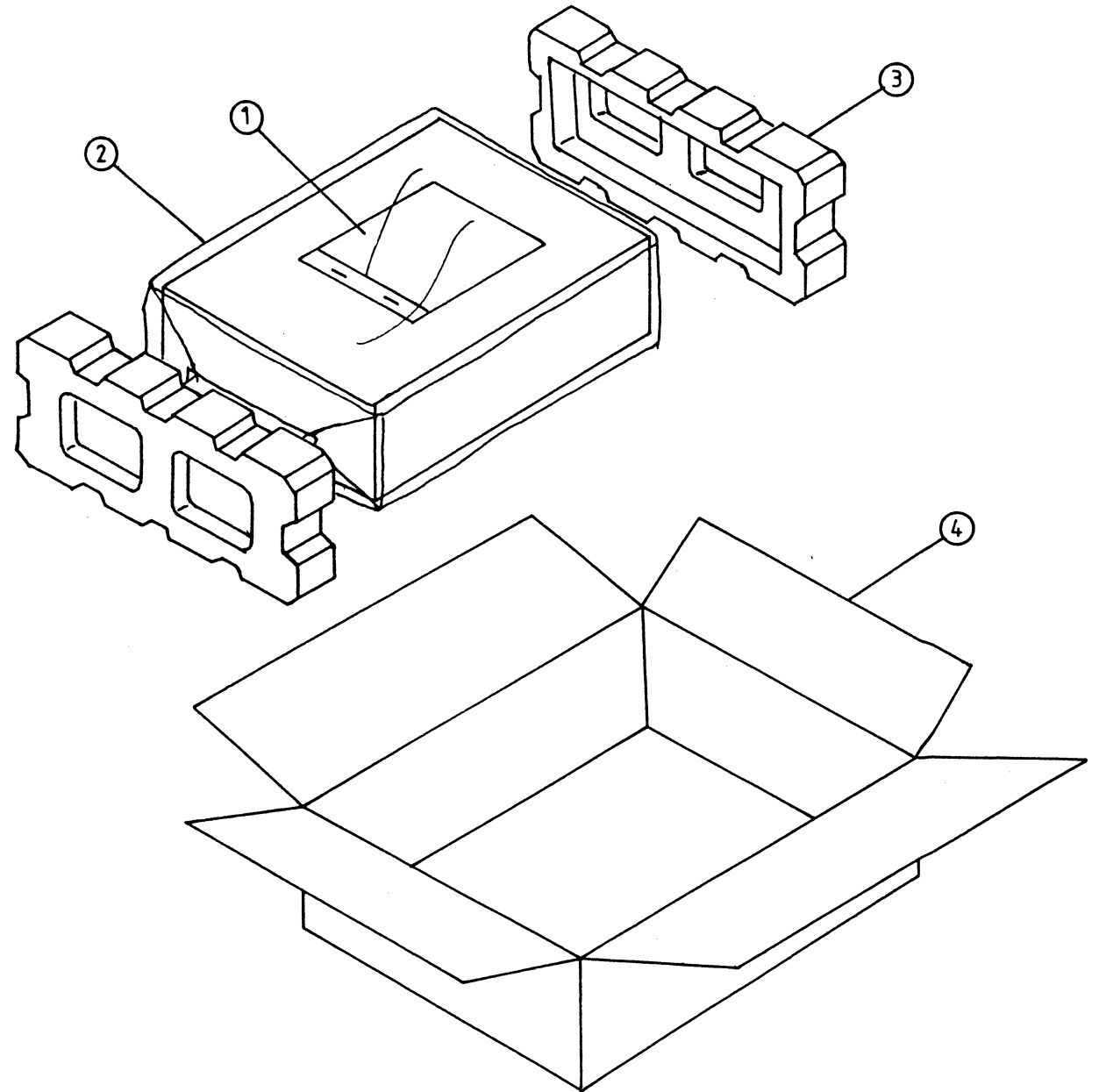
| PARTS NUMBER             | DESCRIPTION              | SPECIFICATION      | Q'TY |
|--------------------------|--------------------------|--------------------|------|
| L103Y214H25              | R267 R268 R283 R284      | 1/4W 3.3K-J        | 4    |
| L103Y214H26              | R109 R110 R264           | 1/4W 3.9K-J        | 3    |
| L103Y214H26              | R289 R290 R509 R510      | 1/4W 3.9K-J        | 4    |
| L103Y214H30              | R255 R256 R257 R258      | 1/4W 8.2K-J        | 4    |
| L103Y214H30              | R259 R260 R265 R266      | 1/4W 8.2K-J        | 4    |
| L103Y214H30              | R281 R282 R285 R286      | 1/4W 8.2K-J        | 4    |
| L103Y214H31              | R253 R254 R287 R288      | 1/4W 10K-J         | 4    |
| L103Y214H10              | R143                     | 1/4W 180-J         | 1    |
| L103Y214H32              | R505, 506, 614, 613,     | 1/4W 12K-J         | 6    |
|                          | R309, 310                |                    |      |
| L103Y214H35              | R213 R214 R513           | 1/4W 22K-J         | 3    |
| L103Y214H36              | R532 R533                | 1/4W 27K-J         | 2    |
| L103Y214H37              | R127 R149 R150           | 1/4W 33K-J         | 3    |
| L103Y214H40              | R122                     | 1/4W 56K-J         | 1    |
| L103Y214H43              | R207, R208, R211, R212,  | 1/4W 100K-J        | 26   |
|                          | R221, 222, 225, 226, 227 |                    |      |
|                          | R228, 235, 236, 291, 292 |                    |      |
|                          | R295 R296 R297 R298      |                    |      |
|                          | R299, 315, 316, 521, 522 |                    |      |
|                          | R527 R528 R617           |                    |      |
| L103Y214H47              | R311 R312                | 1/4W 100K-J        | 2    |
| L103Y214H91              | R217 R218 R219 R220      | 1/4W 220K-J        | 4    |
| L103Y214H55              | R209 R210 R534           | 1/4W 620K-J        | 3    |
| L264Y220H01              | R263                     | 1/4W 1M-J          | 1    |
| L264Y220H01              | D201, 202, 203, 204,     | 1/4W 3.9K-J        | 1    |
|                          | D501, 502, 503, 504      | DIODE 1N4148       | 13   |
| D505, 507, 508, 509, 510 |                          |                    |      |
| R111                     |                          | 1N4148             | 1    |
| R123 R124 R125 R126      |                          | CARBON, 1/4W 22-J  | 4    |
| R129 R130 R148           |                          | 1/4W 100-J         | 3    |
| R108                     |                          | 1/4W 100-J         | 1    |
| R146                     |                          | 1/4W 120-J         | 1    |
| R135 R136                |                          | 1/4W 270-J         | 1    |
| R139 R616                |                          | 1/4W 150-J         | 2    |
| R101 R102                |                          | 1/4W 1K-J          | 2    |
| R117                     |                          | 1/4W 2.7K-J        | 2    |
| R141 R142                |                          | 1/4W 4.7K-J        | 2    |
| R115 R116                |                          | 1/4W 10K-J         | 2    |
| R103Y317H44              |                          | 1/4W 33K-J         | 2    |
| C289 C290                |                          | CARBON 1/4W 120K-J | 1    |
| C609 C610                |                          | CERAMIC-C 50V 331J | 2    |
| C503 C504                |                          | 50V 22J            | 2    |
| C107 C108 C132           |                          | 50V 27J            | 2    |
| C115 C116 C119 C120      |                          | 50V 68J            | 3    |
| C163 C164                |                          | 50V 101J           | 6    |
| C237, 238, 259, 260, 287 |                          | 50V 101J           | 5    |
| C113 C114 C209 C210      |                          | 50V 221J           | 4    |
| C501 C502                |                          | 50V 471J           | 2    |
| C219 C220                |                          | 50V 821K           | 2    |
| C105 C106                |                          | 50V 102K           | 2    |

| PARTS NUMBER | DESCRIPTION               | SPECIFICATION    | Q'TY |
|--------------|---------------------------|------------------|------|
| L140Y206H25  | C111, 211, 212, 221, 222  | 25V 104K         | 5    |
| L140Y206H25  | C223 C224 C239 C240       | 25V 104K         | 6    |
|              | C241 C242                 |                  |      |
| L140Y206H25  | C255 C256 C257 C258       | 25V 104K         | 6    |
|              | C283 C284                 |                  |      |
| L140Y206H25  | C285 C286                 | 25V 104K         | 2    |
| L172Y306H05  | C225 C226 C231 C232       | C-POLY, 50V 222J | 4    |
| L172Y306H05  | C133                      | 50V 222J         | 1    |
| L172Y306H09  | C227 C228 C233 C234       | 50V 472J         | 4    |
| L172Y306H13  | C123 C124 C229 C230       | 50V 103J         | 6    |
|              | C235 C236                 |                  |      |
| L172Y306H19  | C125 C126                 | 50V 333J         | 2    |
| L172Y306H25  | C207 C208 C273 C274       | 50V 104J         | 6    |
|              | C275 C276                 |                  |      |
| L172Y306H17  | C619                      | 50V 223J         | 1    |
| L172Y306H02  | C505 C506 C511            | ELECT-C 6.3V 100 | 3    |
| L172Y306H34  | C109 C110 C135 C136       | 25V 10           | 6    |
|              | C213 C214                 |                  |      |
| L172Y306H34  | C215 C216                 | 25V 10           | 2    |
| L182Y322H37  | C261 C262 C265 C266       | ELECT-C, 25V 47  | 4    |
| L182Y322H37  | C267, 268, 271, 281, 282  | 25V 47           | 5    |
| L182Y322H37  | C617 C618                 | 25V 47           | 2    |
| L182Y322H38  | C509 C510                 | 25V 100          | 2    |
| L182Y322H45  | C611 C612                 | 35V 10           | 2    |
| L182Y322H46  | C613 C614                 | 35V 22           | 2    |
| L182Y322H61  | C117 C118                 | 50V 2.2          | 2    |
| L182Y322H63  | C217 C218                 | 50V 4.7          | 2    |
| L262C020H04  | IC201, 202, 203, 204, 205 | IC, NJM2043D(D)  | 5    |
| L262C020H04  | IC206, 207, 208, 209      | NJM2043D(D)      | 4    |
| L260D023H01  | Q101 Q102                 | TR, 2SC2602(G)   | 2    |
| L260D020H03  | Q103 Q104                 | 2SA1015(GR)      | 2    |
| L260D066H03  | Q107 Q108 Q109 Q110       | 2SK163(M)        | 4    |
| L260D057H01  | Q105 Q106 Q113 Q114       | 2SA970(GR)       | 6    |
|              | Q117 Q118                 |                  |      |
| L260D057H01  | Q119 Q120                 | 2SA970(GR)       | 2    |
| L260D058H01  | Q111 Q112 Q115 Q116       | 2SC2240(GR)      | 6    |
|              | Q121 Q122                 |                  |      |
| L260D036H01  | Q519 Q520                 | 2SK363(GR)       | 2    |
| L260D020H03  | Q521                      | 2SA1015(GR)      | 1    |
| L260S061H03  | Q522                      | 2SC1815(GR)      | 1    |
| L260D036H01  | Q501 Q502 Q503 Q504       | 2SK363(GR)       | 4    |
| L260D020H03  | Q505 Q506 Q509 Q510       | 2SA1015(GR)      | 2    |
| U260S061H03  | Q507 Q508                 | 2SG1815(GR)      | 2    |
| L260D024H05  | Q601 Q605                 | 2SD669A(C)       | 2    |
| L260D021H05  | Q602 Q606                 | 2SB649A(C)       | 2    |
| L260D058H01  | Q603 Q607                 | 2SC2240(GR)      | 2    |
| L260D057H01  | Q604 Q608                 | 2SA970(GR)       | 2    |
| U264S003H01  | D604                      | DIODE, 10E1      | 1    |
| U264D037H01  | D101 D102 D103 D104       | 1N4148           | 6    |
|              | D105 D106                 |                  |      |



| PARTS NUMBER | DESCRIPTION              | SPECIFICATION       | Q'TY | PARTS NUMBER | DESCRIPTION         | SPECIFICATION      | Q'TY |
|--------------|--------------------------|---------------------|------|--------------|---------------------|--------------------|------|
| U264D037H01  | D107 D108 D109 D110      | 1N4148              | 4    | U140S005H03  | C513 C514           | 50V 102K           | 2    |
| L264C003H69  | D601                     | UZ-24B(M)           | 1    | U150S008H44  | C3301 C302          | 50V 221J           | 2    |
| L264C003H63  | D602 D603                | UZ-20B(M)           | 2    | U140S020H51  | C112                | 25V 104K           | 1    |
| L264D017H01  | BD601                    | PB1533M             | 1    | U443DS09H14  | LUG-TERMINAL        |                    | 1    |
| L351Y018H01  | L101 L102                | COIL-TORIC, 100 uH  | 2    | L243C507H22  | JW101               | LEAD, 7P           | 1    |
| L351Y004H01  | L103 L104                | COIL-TORIC, 3.7 MH  | 2    | L243C507H32  | JW102               | 7P                 | 1    |
| L286Y001H01  | RELAY                    | MS2 DC24V           | 1    | L243C509H15  | JW103               | 9P                 | 1    |
| U127Y003H02  | VR201                    | VR, 1K B            | 1    | L243C092H18  | JW104               | 2P                 | 1    |
| L457D501H01  | FUSE-HOLDER              |                     | 4    | L243C092H10  | JW105               | 20                 | 1    |
| U68S8223H01  | PIN                      |                     | 3    | U243C745H28  | JW202               | 5P                 | 1    |
| U283S017H07  | FUSE                     |                     | 2    | U243C745H36  | JW203               | 5P                 | 1    |
| U283S022H15  |                          |                     | 2    | U243C743H28  | JW201               | 3P                 | 1    |
| U103S017H08  | R107                     | 500MA-UL            | 2    | U243C745H05  | JW204               | 5P                 | 1    |
| U103S017H15  | R114 R151                | 500MA-SEMKO         | 1    | U243C590H28  |                     | BLK                | 1    |
| U103S017H27  | R118                     | CARBON, 1/4W 120-J  | 2    | U243C591H34  |                     | BRN                | 1    |
| U103S017H37  | R128                     | 1/4W 470-J          | 1    | U243C592H34  |                     | RED                | 1    |
| U103S017H40  | R121                     | 1/4W 4.7K-J         | 1    | U243C593H43  |                     | ORG                | 1    |
| U103S017H51  | R119 R120                | 1/4W 33K-J          | 1    | U243C594H28  |                     | YEL                | 1    |
| U103S017H10  | R144                     | 1/4W 56K-J          | 2    | U243C595H38  |                     | GRN                | 1    |
| U103S017H26  | R619                     | 1/4W 470K-J         | 1    | U243C596H43  |                     | BLU                | 1    |
| U103S017H22  | R103 R104                | 1/4W 180-J          | 1    | U243C597H43  |                     | PPL                | 1    |
| U103S017H62  | R237 R238                | 1/4W 3.9K-J         | 2    | L241A051H12  | PCB-MAIN            | (LED)              | 1    |
|              | R241 R242                | 1/4W 1.8K-J         | 2    | L268Y058H01  | LE-DIODE            | SE2021             | 1    |
|              | R243 R244                | 1/4W 4.7M-J         | 6    | L243C092H36  | LEAD-TAPE           | 2P                 | 1    |
| U103S017H62  | R247 R248                | 1/4W 4.7M-J         | 6    | U243C590H07  | LEAD                | BLK                | 1    |
| U103S037H29  | R131 R132                | 1/4W 7.5K-J         | 2    | U243C590H10  | A - A               | BLK                | 1    |
| U103S037H58  | R137 R138                | 1/4W 95K-J          | 2    | L565D018H01  | Q601 Q602           | RADIATORE          | 1    |
| U105S007H11  | R523 R524                | R-METER 1W 68-J     | 2    | U656S263H23  | T-SCREW             | 2-3*6              | 2    |
| U105S007H13  | R525 R526                | 1W 100-J            | 2    | L241B102H01  | PCB-SUB             | (HEADPHONE)        | 1    |
| U105S007H01  | R601 R602                | 1W 10-J             | 2    | L451Y017H03  | JACK-HEADPHONE      |                    | 1    |
| U105S007H05  | R601 R602                | 1W 22-J             | 2    | L437Y002H01  | BASS                | SW-LEVER           | 1    |
| U150S008H32  | C131                     | C-CERAMIC, 50V 68J  | 1    | L437Y028H01  | BASS EQ/INFRA       | SW-PUSH            | 1    |
| U150S008H36  | C288, 291, 292, 293, 294 | C-CERAMIC, 50V 101J | 5    | L243C162H08  | LEAD                | RED                | 1    |
| U172S006H29  | C201 C202                | G-POLY 50V 224J     | 2    | U053S271H05  | SOLDER-RESIN        |                    | 3G   |
| U172S006H28  | C205 C206                | 50V 184J            | 2    | U053S271H04  | SOLDER-RESIN        |                    | 4G   |
| U172S006H05  | C134                     | 50V 222J            | 1    | L103Y214H61  | R269 R270 R271 R272 | CARBON 1/4W 4.7M-J | 6    |
| U172S006H27  | C2303 C204               | 50V 154J            | 2    | L103Y214H61  | R273 R274           |                    | 6    |
| U182S022H63  | C269 C270                | C-ELECT 50V 4.7     | 2    |              | R275 R276 R277 R278 | 1/4W 4.7M-J        | 6    |
| U182S022H65  | C621                     | 50V 22              | 1    |              | R279 R280           |                    | 4    |
| U182S022H35  | C615 C616                | 25V 22              | 2    | U172S006H25  | C243 C244 C249 C250 | C-POLY 50V 104J    | 4    |
| U182S022H25  | C507 C508                | 16V 47              | 2    | U172S006H30  | C245 C246 C251 C252 | 50V 274J           | 4    |
| U182S022H23  | C279 C280                | 16V 22              | 2    | U172S006H67  | C247 C248 C253 C254 | 50V 564J           | 4    |
| U182S022H06  | C103 C104                | 6.3V 1000           | 2    | L580B007H01  | COVER-BOTTOM        |                    | 4    |
| U182S022H28  | C121 C122                | 16V 330             | 2    | L771D011H01  | RUBBER-FOOT         |                    | 4    |
| U182S022H39  | C101 C102                | 25V 220             | 2    | L851D056H01  | LABEL-QA            |                    | 1    |
| U182S022H50  | C607 C608                | 35V 220             | 2    | L552D015H01  | CUSHION-PCB         |                    | 2    |
| U182S022H71  | C605 C606                | 50V 470             | 2    | L552D015H02  | CUSHION-PCB         |                    | 1    |
| U182S022H37  | C127                     | 25V 47              | 1    | L840D010H01  | COVER-PVC           |                    | 1    |
| U150S008H36  | C515 C516                | C-CERAMIC 50V 101J  | 2    | U650S025H31  | RUBBER-FOOT FIX     | SCREW-P, M4*10     | 4    |
| U150S008H52  | C129 C130                | 50V 471J            | 2    |              |                     |                    |      |

# PACKING DIAGRAM



## PACKING LIST FOR NAD-1300

| ITEM | PARTS NO.   | NAME           | Q'TY |
|------|-------------|----------------|------|
| 1    | L871B003H01 | OWNER'S MANUAL | 1    |
| 2    | L831D003H01 | PE BAG         | 1    |
| 3    | L813A013H01 | POLYLON        | 2    |
| 4    | L800B020H01 | GIFT BOX       | 1    |